



OPSD BIOS ENGINEERING

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About This Release

- **BIOS String:** CB81010A.86A.0013.P10.0110251800
- **Video BIOS Version:** 2439
- **UNDI PXE Version:** ICH2 PXE 2.0 build 081
- **Language Sets Supported:** Multi Language support

Features/Errata Fixed in This Release

P10-0013

- Updated VBIOS from build 2267 to 2439.
- Fixed issue where current language not specified in Type 13 structure.

P09-0012

- Added support for System Lock Pre-installation.

P08-0011

- Fixed issue where WinXP will not resume from S3 after the initial reboot of the system.

P07-0010

- Added 1.10GHz Pentium ? III processor support.
- Changed Type 10 SMBIOS structure to correctly reflect enable/disable of the on board audio.

P06-0009

- Added new Processor BIOS Update for Pentium(R) III family.

P05-0008

- Removed the workaround for issue where Windows 98 SE hangs on resume from Suspend-to-RAM (S3) if ATAPI devices with DMA enabled in the OS are attached to the system.
- Fixed issue where front panel USB devices can't wake up system from S3.

P04-0007

- Support New Pentium ? III processor.
- Changed ACPI standby default state to be S3.
- Fixed issue where the system was always reporting 80-conductor IDE cable type (regardless of actual cable type) when certain ATAPI devices were connected as the slave device on an IDE channel.
- Changed Type 8 SMBIOS structures to correctly reflect internal connectors.
- Internal connectors in Type 8 structures now conform to version 2.3.1 of the "System Management BIOS Reference Specification".
- Fixed issue where going in and out of S3 Windows was losing some USB devices connected to certain USB hubs.
- Added workaround for issue where Windows 98 SE hangs on resume from Suspend-to-RAM (S3) if ATAPI devices with DMA enabled in the OS are attached to the system.

P03-0005

- Fixed yellow bang in device manager when PS/2 devices were missing.
- Limit CPU speed support to a maximum of 1.0GHz.

P02-0003

- Fixed issue where the BIOS would report false information in the ESCD, this fixes the following BEL failure: BEL:06C: ACFGXREF(Post-Haste I): High 32-bits of address ignored.
- Fixed the problem where POST won't show any error message for Non-SPD DIMM during POST if SPD is broken.
- Added string translations for PARTIES, USB boot, and BBS3.0
- Corrected memory size reporting with SMBIOS Type17, Type19 and Type20.
- Changed Setup and POST to conform to the Intel OPSD Password specification.
- Added missing Brazilian-Portuguese and Japanese translations for “ Preparing to run system setup? ” string
- Added 2 missing port connector descriptions (internal speaker and intrusion) to SMBIOS information.

P01-0002

- Fixed problem where strings for certain setup questions were being displayed incorrectly in ABSCMOS.
- Updated multi-language string translation.

B-0001

- Initial Release.
- Fix the Memory/Chipset setup options testing error.
- Introduce new 2267 VBIOS.

Known Errata with This Release
